

Notice of Allowability

Application No.

10/799,901

Examiner

Ramnandan Singh

Applicant(s)

KIM, DUCK-SUNG

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Dec. 18, 2006.
2. ☒ The allowed claim(s) is/are 1-4, 9-13 and 15.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

1. This action is in response to applicant's response filed on Dec. 18, 2006. **Claims 1-4, 9-13, 15** are pending in the present application.

2. EXAMINER'S AMENDMENT/COMMENT

Applicant has agreed to the following amendment during his telephonic interview with the Examiner held on March 15, 2007:

1) In the claims:

- (i) Claim 1, line # 7 , change "the" to --a-- .
- (ii) Claim 2, line # 4, after "with" --the --has been inserted.
- (iii) Claim 3, line # 4, change "a recognized" to --the recognized-- .
- (iv) On page 2 , after the line, "7. (cancelled)" --8. (Cancelled)--
has been inserted.
- (v) Claim 9, line # 8, change "a recognized" to --the recognized-- .
- (vi) Claim 10, lines # 3-4, change "a recognized" to --the recognized-- .
- (vii) Claim 11, line # 4, change "a recognized" to --the recognized-- .
- (viii) Claim 13, line # 2, change "store" to --plurality -- .
- (ix) Claim 13, line # 3, change "the recognized" to -- recognized-- .
- (x) Claim 13, line # 3, after "with" --one of the plurality of-- has

been inserted.

- (xi) Claim 13, line # 4, change "code" to --codes -- .
- (xii) Claim 13, line # 4, change "as a" to --as the one of the plurality of -- .
- (xiii) Claim 13, line # 5, change "code" to --codes -- .
- (xiv) Claim 13, line # 7, change "code" to --codes -- .
- (xv) Claim 13, line # 7, before "recognized" --one of the plurality of -- has been inserted.
- (xvi) Claim 13, line # 7, change "code" to --codes -- .
- (xvii) Claim 15, line # 2, change "store" to -- plurality -- .
- (xix) Claim 15, line # 4, before "recognized" -- plurality of-- has been inserted.
- (xx) Claim 15, line # 5, change "as a" to -- as the one of the plurality of -- .
- (xxi) Claim 15, line # 5, change "call number" to -- call numbers -- .
- (xxii) Claim 15, line # 7, before "recognized" -- one of the plurality of -- has been inserted.
- (xxiii) Claim 15, line # 7, change "emergency call number" to -- emergency call numbers -- .

The Interview summary is enclosed.

REASONS FOR ALLOWANCE

3. The following is an examiner's statement of reasons for allowance:

This invention relates to a communication terminal and method for preventing inadvertent calls to emergency services or other services that make use of a truncated calling numbers. Claim 13 identifies the uniquely distinct feature of the communication terminal, comprising: determine whether the call number starts with one of the plurality of recognized call service codes and whether the call number contains the same number of digits as the one of the plurality of recognized service codes, and generate an input error warning if there is a mismatch in the number of digits between the call number and the one of the plurality of recognized call service codes. As such, claim 13 requires the communication terminal to provide an error indication before a misdialed number of a recognized call service code is transmitted to a call center. While the closest prior art. Bedingfield, SR. et al [US 20030231759 A1], Yun [US 7,721,418 B1], and Hung et al [US 6,980,642 B1] each teach dialing methods, Bedingfield, SR.

et al using a network-based dialing method that requires receiving a completed number transmitted from a terminal before processing the number for an alias or an error; Yun using an automatic dialing method in a telephone terminal that determines the requirements of a call type, a digit number, and a standby time without sending an error message for incomplete digits; and Hung et al using an abbreviated dialing method; none of them teach or suggest requiring a communication terminal to provide an error indication before a misdialled number of a recognized call service code is transmitted to a call center. As such, the prior art, either singularly or in combination fail to anticipate or render the above underlined limitation obvious. Therefore, claim 13 is indicated allowable.

Claim 1 is essentially similar to claim 13 and is indicated allowable.

Claim 15 is essentially similar to claim 13 except for an emergency service in place of a recognized call service code. As a result, a similar reasoning of allowance for Claim 15 holds, and hence, claim 15 is indicated allowable. Claim 9 is essentially similar to claim 15 and is indicated allowable. Therefore, claims 1-4, 9-13 and 15 are indicated allowable.

4. The claims have been re-numbered as follows:

CLAIMS NUMBER (ORIGINAL)	CLAIMS NUMBER (FINAL)
1-4	1-4
9-13	5-9
15	10

Claim no. 1 along with figure number 2 will be published in the
Official
Gazette.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ramnandan Singh whose telephone number is (571) 272-7529. The examiner can normally be reached on M-TH (8:00-5:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on 571-272-7547. The

fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Ramnandan Singh
Examiner
Art Unit 2614

A handwritten signature in black ink, appearing to read 'Ramnandan Singh', written over a horizontal line.